



THE STATE OF ARIZONA
GAME AND FISH DEPARTMENT

2221 WEST GREENWAY ROAD, PHOENIX, AZ 85023-4399
(602) 942-3000 • AZGFD.GOV

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Dear Scientific Collecting Permit Applicant:

Enclosed are copies of Arizona's Wildlife Rule R12-4-418 (Scientific Collecting Permit) along with additional information pertinent to the subject rule. **PLEASE NOTE: SIGNIFICANT CHANGES HAVE BEEN MADE TO R12-4-418 AND ARE EFFECTIVE JULY 1, 2001. PLEASE READ EVERYTHING.**

Applicants must complete the attached form. This form must be accompanied by a detailed description, not to exceed three pages, of the purpose, methods, completion schedule and publication intent of the project proposed, including a statement of the qualifications of the applicant relative to the proposal, the genus/species and number of individuals affected by the proposed activities, **specific collection localities**, planned disposition of specimens, and all agents' names and their addresses. Your application will not be processed until the required information is provided. By law, the Arizona Game and Fish Department, Nongame Branch will respond to your application with either a request for further information or the issuance of a permit, within 30 days of receipt of your application materials. Please submit to:

Scientific Collecting Permit Administrator- Nongame Branch
Arizona Game and Fish Department
2221 West Greenway Road
Phoenix, Arizona 85023-4399

Please keep in mind that an annual report must be submitted to the Department within 30 days after expiration of the permit. **A report is required even if no collecting was done.** "Collection" refers to any activity that directly impacts the species in any way (handling and releasing, etc.), not necessarily removal of the animal from its habitat. Renewal packets containing report forms will be mailed by November 30.

You can contact me at 602-789-3625 (Fax: 602-789-3939; e-mail: scpermits@azgfd.gov) if you have any questions.

Sincerely,

Melissa E. Swain
Scientific Collecting Permit Administrator's Assistant

:ms
Attachments



ARIZONA GAME & FISH DEPARTMENT

2221 West Greenway Road, Phoenix, Arizona 85023-4399

APPLICATION FOR SCIENTIFIC COLLECTING PERMIT (NO FEE)

CIRCLE ONE: *NEW* *RENEWAL*

Dr Mr Ms Mrs _____ Home Phone _____
(circle one) _____ Work Phone _____
Height _____ Weight _____ Eyes _____ Hair _____ Birth Date _____
Department ID # (if known) _____ SS# (optional) _____
Affiliation (if applicable) _____
Address _____
City _____ State _____ Zip _____ - _____
Mailing Address (if different than above) _____
City _____ State _____ Zip _____ - _____
E-mail Address _____ Fax _____

METHOD OF TAKE

1= Firearms 2= Firearms at Night
3= Live Trap
4= Pit Fall
5= Mist Net
6= By Hand or Hand Held Implement
7= Angling
8= Gill Net/Trammel Net/Seine
9= Electroshock
10= Drugs/Chemicals
11= Blow Gun
12= Nest Monitoring (flushing from nest)
13= Tape Playback (for breeding birds)

DISPOSITION METHOD

S= Salvage Dead
R= Capture & Release
K= Collect by Killing
A= Take Alive/Keep Alive
L= Take Alive/Kill Later
M= Move to other area
N= Non-handling "take" (birds only- Title 17-236)

STATUS

T= State Listed TNW
F= Federally listed*

EXAMPLE: 4, 6, F, T, S Reptiles

Indicate ALL That Apply for Each Taxonomic Group

| | | |
|-----------------------------|------------------------|----------------------------|
| _____ Nongame Mammals | _____ Migratory Birds* | |
| _____ Bats | _____ Birds (Game) | _____ Sport Fish |
| _____ Predators/fur bearers | _____ Raptors* | _____ Native Fish |
| _____ Small Game | _____ Reptiles | _____ Mollusks/Crustaceans |
| _____ Big Game | _____ Amphibians | |

*Federal Permit # _____ (Please include copy if not already on file) Exp. Date _____

I agree to follow and am aware of all rules pertaining to Scientific Collecting Permits as stated in Live Wildlife Rule R12-4-418, and my or my agent(s) privilege to take or possess wildlife is not under suspension or revocation by any state or the federal government.

☐ Signature on File

APPLICANT SIGNATURE: _____ Date _____

FOR DEPARTMENT USE ONLY

Date Received _____
Date Reviewer Received _____
of review days _____ # of total days _____

PLEASE PRINT OR TYPE

Permit #: _____

Date Issued: _____

Signature on File Revised Wording

**This is now the officially recognized version (02/2004). Please use this new form if you are interested in electronic submission of documents.*

I authorize and agree to be responsible for electronic transmission of documents pertaining to Scientific Collecting Permits, by myself or agents on my behalf, without the need for further signatures. My signature below can be kept on file until further notice and I agree that it can be used to bind me on electronically transmitted, permit-related documents in the future. **I also agree to follow and am aware of all rules pertaining to Scientific Collecting Permits as stated in Live Wildlife Rule R12-4-418.**

SIGNATURE

DATE

Printed Name:

Initial all points below to indicate your awareness of R12-4-418:

- _____ **My or my agent(s) privilege to take or possess wildlife is not under suspension or revocation by any state or the federal government (sections B.1 and F.1).**
- _____ There is an employment or supervisory relationship between me and any agents (section F.1).
- _____ The permit limits the number of animals to the aggregate of all collectors on my permit (section F.2).
- _____ I shall notify the Department within 10 days of terminating any agent (section H).
- _____ I understand A REPORT IS DUE EVEN IF NOTHING WAS DONE (section K).
- _____ The report is due no later than 30 days after the permit expires (section K).
- _____ The permit expires on December 31 of the year of issuance, OR if I am a representative of an institution, organization, or agency, UPON MY TERMINATION OF AFFILIATION WITH THAT ENTITY, whichever comes first (section M).

Initial all points below to indicate your awareness of other points of importance:

- _____ I understand THIS PERMIT IS VALID FOR OFFICIAL USE ONLY. USE OF THIS PERMIT FOR PERSONAL OR OTHER ACTIVITIES NOT IDENTIFIED IN PROPOSAL IS PROHIBITED.
- _____ I understand (as per A.R.S. Title 17 102 and 306, and Commission Rule R12-4-402), live wildlife, parts thereof, or their progeny, obtained or held under the authority of this license may NOT be offered for sale, traded, bartered, loaned for the purposes of commercial activity, given as a gift, or disposed of in any way except as stipulated by the Department. Live wildlife, parts thereof, or their progeny, obtained or held under the authority of this license shall remain the property of the State of Arizona. Upon completion of the licensed activity, live wildlife, parts thereof, or their progeny will ONLY be disposed of as per the direction of the Department.
- _____ I understand this permit does not authorize activities with federally listed species nor does it authorize activities on federal or tribal lands unless appropriate federal and tribal permits are obtained. Additional permits/permission from the land owner/manager or resource management agency may be required for access and/or collecting on National Park Service, National Wildlife Refuge, National Monuments, Department of Defense, Forest Service, Bureau of Land Mgmt, State Parks, State Monuments, or private lands. In addition, permits from other states or the federal government may be required when transporting across state lines and holding live wildlife.

**Arizona Game and Fish Department
Calendar Year 2006**

Important reminders about scientific collecting permits:

- A) Collecting refers to ALL manners of take, including capture and release. A written report must be submitted to the Department within 30 days after expiration of permits. **A report is required even if no collection was done.**
- B) Additional permits/permission from the land owner/manager or resource management agency may be required for access and/or collecting on National Park Service, National Wildlife Refuge, Department of Defense, Native American (Indian reservations), State Parks, State Monuments, or private lands.
- C) You, and your agents (if any), must have a copy of your permit and stipulations in possession while conducting the authorized activities.
- D) Scientific collecting permits expire on December 31 of the year of issuance, or if the permittee is a representative of an institution, organization, or agency, upon termination of affiliation with that entity, whichever comes first. Effective July 1, 1997, all annual reports, renewals, and new applications for scientific collecting permits must be submitted to:

Scientific Collecting Permit Administrator
Nongame Branch
Arizona Game and Fish Department
2221 West Greenway Road
Phoenix, Arizona 85023-4399

- F) The maximum number of animals that may be collected under the permit will apply to the aggregate of all collectors (permittee and agents).
- G) Permittees may at any time during the license period request to add or delete agents or request an amendment to their proposal. This request must be in writing.
- H) Specimens whose collection was intended primarily for scientific study, must be deposited in a United States museum that is accredited by either the American Society of Mammalogists (Hafner et al., 1997. Journal of Mammalogy, Suppl. Vol. 78, No. 1: 1-80) or listed by the American Society of Ichthyologists and Herpetologists (Leviton et al., 1985. Copeia 1985: 802-832). Specimens whose collection was intended primarily for a teaching collection at an accredited institution may be housed at the institution where they are used. Information on specimen deposition shall be included in the year-end collecting report (renewal packets, including report forms, will be mailed to permittees by November 30 each calendar year).
- I) **NEWLY EFFECTIVE JULY 1, 2001: DETAILED REPORTING INFORMATION IS NOW REQUIRED FOR ALL SPECIES, NOT JUST TNW/BIG GAME OR SELECTED REPTILES AS IN PREVIOUS VERSIONS. INFORMATION NOW REQUIRED FOR EACH SPECIMAN IS:** detailed localities of collection, observation, banding, or other handling; dates of take; places of disposition (including released at capture location), and other relevant information the Department includes on the permit. **This is best handled by keeping a journal or detailed field notes.**

R12-4-418. Scientific Collecting Permit

- A. A scientific collecting permit allows the following, subject to Department evaluation of and stipulations to the application submitted in compliance with subsection (C):
 - 1. A permittee may take wildlife specified on the permit in the localities and time periods specified on the permit by any method prescribed in R12-4-304 or R12-4-313. If specifically authorized on the permit, the permittee may take the wildlife by the use of stupefying or deleterious substance, electroshock, pitfall, leghold trap, snare, or net, and at night by firearm, providing the least-onerous, practical method is employed. The Department may rescind or modify any method of take authorized on the permit to protect the interests of wildlife or public safety. The permit may restrict the number of animals per species or other taxa that may be taken, as well as the age or condition of the wildlife that may be taken.
 - 2. A permittee may possess, transport, propagate, or educationally display live wildlife specified on the permit. A person shall not exhibit wildlife held under a scientific collecting permit.
 - 3. A permittee shall dispose of live wildlife specified on the permit by releasing the wildlife when not removed from the area where captured, by releasing the wildlife in a location previously approved by the Department, or as authorized by the Department.
 - 4. A permittee shall only release live wildlife specified on the permit when the wildlife is not removed from the area where captured, or when the wildlife is released in a location previously approved by the Department.
- B. The Department shall issue a scientific collecting permit only if:
 - 1. The applicant's privilege to take or possess wildlife is not under current suspension or revocation by the government of any state or the United States;
 - 2. The permit is for the purpose of wildlife management; gathering information valuable to maintenance of wild populations; education; the advancement of science; or promotion of the public health or welfare;
 - 3. The permit is for a purpose that is in the best interest of the wildlife or the species, will not adversely impact other affected wildlife in Arizona, and may be served without posing a threat to wildlife or public safety;
 - 4. The permit is for a purpose that does not unnecessarily duplicate previously documented projects; and
 - 5. The Department has verified the purpose based on a written project proposal submitted as part of the application form required in subsection (C).
 - 6. The Department may require submission of interim reports in addition to those required by subsection (G), and may make the submission of these additional interim reports a criterion for permit issuance.
- C. An applicant shall provide the following information on an application form supplied by the Department:
 - 1. Name, home address, home telephone number, and physical description of applicant;
 - 2. If applicable, the name, address, and telephone number of the scientific or educational institution affiliation or governmental employer;
 - 3. A complete list by species, or higher taxa, if applicable, of all wildlife for which collecting authorization is sought and the number of individuals per taxon;
 - 4. The locality or localities for which collecting activities are proposed;
 - 5. Whether the applicant proposes to:
 - a. Salvage specimens found dead;
 - b. Collect specimens alive and keep them;

- c. Collect specimens by killing;
 - d. Collect specimens alive and release at the site where taken without transporting from that site after photographing, banding, or marking them with rings, bands, collars, brands, or other markings.
- 6. The method or methods of take to be used, including justification for selection of the methods proposed; and
- 7. Planned disposition of wildlife collected and progeny of wildlife collected.
- D. An applicant shall submit with the application form, a detailed project proposal, not to exceed 3 pages, explaining the purpose, methods, completion schedule, and publication intent of the project; stating the qualifications of the applicant relative to the proposal; and describing in detail the procedures the applicant will use to meet the requirements of R12-4-428.
- E. The applicant shall submit the application to the Department's Phoenix office.
- F. The Department issues each scientific collecting permit to an individual, but an applicant may request in writing that 1 or more named individuals be authorized to act as an agent on the applicant's behalf, provided that:
 - 1. An employment or supervisory relationship exists between the permittee and the agent, and the agent's privilege to take or possess wildlife is not under current suspension or revocation by the government of any state or the United States; and
 - 2. If the permit limits the number of animals that may be collected, the limit applies to the aggregate of all agent collectors.
- G. A permittee may at any time during the license period make a written request to amend the permit to add or delete agents meeting the criteria in subsection (F). The Department shall approve or deny the request within 30 calendar days of receipt.
- H. A permittee shall notify the Department in writing within 10 calendar days of terminating any agent.
- I. Before collecting any wildlife at night with firearms, a permittee shall notify the regional Department office nearest the locality of the planned collection and advise that office of the dates, times, places and methods of collection.
- J. A permittee shall ensure that a copy of the permit accompanies any shipment of wildlife made under authority of the permit.
- K. A permittee shall file a written report on a form available from the Department, within 30 days after expiration of the permit. A report is required even if no collecting was done. The permittee shall provide the following information and shall include information from agents acting for the permittee:
 - 1. Name and address of the permittee and any agency affiliation relevant to the permit;
 - 2. Name and address of all agents;
 - 3. Scientific collecting permit number and date of issuance;
 - 4. A list by specimen of all species collected, live or dead, of any species the Department includes on the permit, providing detailed localities of collection, observation, banding, or other handling, dates of take, places of disposition, and other relevant information the Department includes on the permit; and
 - 5. A list by individual for all species live or dead, collected, banded, possessed, or disposed of that are not listed in accordance with subsection (K)(4).
- L. A permittee under this Section is subject to R12-4-409 and R12-4-428.
- M. A scientific collecting permit expires on December 31 of the year of issuance, or, if the permittee is a representative of an institution, organization, or agency, upon the permittee's termination of affiliation with that entity, whichever comes first.
- N. This rule is effective July 1, 2001.

R12-4-409. General Provisions and Penalties for Special Licenses

- A. The Department shall issue special licenses as defined in R12-4-401, when application is made and criteria are met as prescribed in the rule governing the specific special license. No special license for any wildlife shall be valid for any wildlife protected by federal law or regulation unless supported by federally issued documentation rendering the licensed activity lawful.
- B. All special licenses expire on December 31 for the year issued unless otherwise specified in the governing rule. If application for a new special license is not made by the expiration date, live wildlife possessed pursuant to the expired license shall be considered unlawfully possessed and is subject to seizure by the Department. If application for a new special license with no change from a currently existing special license is made on or prior to the expiration date, the existing license shall remain valid while application is pending with the Department.
- C. Knowingly providing false information upon application for any special license shall be grounds for denying the special license, and any special license so obtained is void and of no effect from the date of issuance thereof.
- D. Denials shall be issued in writing and shall state the reason for denial. Any person whose application has been denied may appeal to the Commission as provided in R12-4-608.
- E. Special license holders shall keep records and submit reports as required by the rule governing their special license. Such records shall be exhibited to any Department game ranger upon reasonable request. Failure to keep records or submit reports as required shall be grounds for rejecting an application or for revocation of a special license.
- F. Facilities of special license holders are subject to reasonable inspection by a game ranger for compliance with any requirements imposed by this Article. A routine inspection shall not be considered reasonable when the game ranger has inspected another facility holding wildlife of the same class within the previous 72 hours when the game ranger had contact with the wildlife or there was reason to believe disease may have been present.
- G. When a disease as determined by a person with relevant expertise or other condition constituting an emergency exists that poses an immediate threat to the welfare of wildlife, including the wildlife held pursuant to special license, or to the public, the Department may immediately order a cessation of operation under special license and, if necessary, humane disposition or quarantine of any contaminated or threatening wildlife. Disease testing must be performed as directed by the Department or wildlife quarantined must be destroyed. Any disease giving rise to an emergency condition pursuant to this subsection shall be diagnosed by a person or persons professionally certified to make such diagnosis. Once operation has ceased and an emergency no longer exists, subsection (H) shall apply.
- H. When a condition exists, including disease or any violation of this Article, including any violation of Section R12-4-428, which poses a threat to the welfare of wildlife, including the wildlife held, or to the public, but which threat does not constitute an emergency, the Department shall provide the licensee a written notice of the condition, by certified mail or personal service, which notice shall

specify a reasonable period of time for the licensee to cure the noticed condition. Failure of the licensee to cure the noticed condition within the time specified by the Department shall constitute a violation pursuant to subsection (I) of this rule. When a licensee receives three notices pursuant to this subsection for the same condition within a two-year period, the third notice shall be treated as a failure to cure.

I. Violation of any provision of this rule, or of A.R.S. ° 13-2908, Criminal nuisance; or conviction of any criminal offense involving cruelty to animals, including A.R.S. ° 13-2910; or of the rule governing a specific special license; or refusal to permit reasonable inspection of facilities, wildlife, or required records may result in any or all of the following actions by the Department:

1. Filing of criminal charges;
2. Suspension of authority to hold wildlife pursuant to special license for the remainder of validity of the license;
3. Seizure of any wildlife held pursuant to the special license, and its humane disposition, except that such wildlife shall not be killed pending appeal by the licensee;
4. Denial of subsequent application for a special license for a period not to exceed five years.

J. This rule is effective January 1, 1995.

Historical Note

Adopted effective April 28, 1989 (Supp. 89-2). Amended effective January 1, 1995; filed in the Office of the Secretary of State December 9, 1994 (Supp. 94)

R12-4-428. Captivity standards

- A. All wildlife held pursuant to a special license shall be kept in as humane a manner as the licensed purpose allows, to safeguard and protect the interests of the wildlife held. Licensees subject to the provisions of this rule shall comply with the minimum standards for humane treatment prescribed by this rule. The term "animal" as used in this rule means any wildlife held pursuant to a special license, unless otherwise indicated.
- B. All facilities shall meet the following minimum standards.
 - 1. The facility shall be constructed of such material and be of such strength as is appropriate for the nature of the animal held. The facility shall be properly braced and constructed of material of sufficient strength to resist any force the animal may be capable of exerting against it. The facility shall be constructed in such a manner as to reasonably prevent the animal's escape or the entry of unauthorized persons or animals. The housing facility shall be structurally sound and shall be maintained in good repair in order to protect the animals held from injury and to facilitate the humane practices prescribed by this rule.
 - 2. When required to comply with related provisions of this rule, there shall be safe, reliable and adequate electric power to the facility. All electric wiring shall be constructed and maintained pursuant to applicable governmental building codes. Such electrical construction and maintenance shall be sufficient to assure that no animal has direct contact with any electrical wiring or electrical apparatus and is fully protected from any possibility of shock or electrocution from any such electric conducting materials.
 - 3. Every animal shall be supplied with sufficient potable water to meet its needs. If potable water is not accessible to the animal at all times, it shall be provided as often as necessary for the health and comfort of the animal, and the licensee shall ensure that the level of available water is monitored once daily or more often as the needs of the animal dictate. All water receptacles shall be kept in clean and sanitary condition.
 - 4. Food shall be wholesome, palatable and free from contamination, and of sufficient appeal, quantity and nutritive value to maintain each animal held in good health. Each animal's diet shall be prepared based upon the nutritional needs and preferences of the animal with consideration for the age, species condition, size and type of the animal, and all veterinary directions or recommendations in regard to diet. The quantity of food supplied to each animal shall be sufficient to meet its needs and keep it in good health. Each animal shall be fed as often as its needs dictate, taking into consideration hibernation, veterinary treatment or recommendation, normal fasts or other professionally accepted humane practices. The licensee shall ensure that the level of available food for each animal is monitored once daily, except for those periods of time where professionally accepted humane practices dictate that the animal not consume any food during the entire day. Food and food receptacles, if used, shall be sufficient in quantity and accessible to all animals in the facility and shall be placed to minimize

potential contamination. Food receptacles shall be kept clean and sanitary at all times. Any self-feeding food receptacles shall function properly and the food they provide shall not be subject to deterioration, contamination, molding, caking, or any other process which would render such food unsafe or unpalatable for the animal to be fed. Appropriate means of refrigeration shall be provided for supplies of perishable animal foods.

5. The facility shall be kept sanitary and regularly cleaned as the nature of the animal requires and allows. Adequate provision shall be made for the removal and disposal of animal waste, food waste, unusable bedding materials, trash, debris and dead animals not intended for food. The facility shall be maintained to minimize the potential of vermin infestation, disease, and unseemly odors. Excreta shall be removed from the primary enclosure facility as often as necessary to prevent contamination of the animals and to minimize hazard of disease and to reduce unseemly odors. The sanitary condition of the facility shall be monitored by the licensee at least daily. When the facility is cleaned by hosing, flushing or the introduction of any chemical substances, adequate measures shall be taken to ensure the animal has no direct contact with any chemical substance and is not directly sprayed with water, steam or chemical substances or otherwise wetted involuntarily.
6. A sanitary and humane method shall be provided to rapidly eliminate excess water from the facility. If drains are utilized, they shall be properly constructed and kept in good repair to avoid foul odors and installed so as to prevent backup or accumulation of debris or sewage.
7. No animal shall be exposed to any human activity or environment not intended by the special license which may have an inhumane or harmful affect upon the animal.
8. Facilities shall not be constructed or maintained in proximity to any physical condition which may give rise to any health threat to the animal including, but not limited to, trash or garbage collection sites and/or pools of standing water. All persons caring for the animals shall maintain themselves in a sufficiently clean condition when dealing in or around the animal so as to minimize any threat to the health of the animal.
9. All animals housed in the same facility or within the same enclosed area shall be compatible and shall not pose a substantial threat to the health, life or well-being of any other animal in the same facility or enclosure, whether or not the other animals are held pursuant to special license. This shall not apply to live animals placed as food items in the enclosures.
10. Facilities for the enclosure of animals shall be constructed and maintained to provide sufficient space to allow each animal adequate freedom of movement to make normal postural and social adjustments. The facility area shall be large enough and constructed in such a manner to allow the animal proper and adequate exercise as is characteristic to each animal's natural behavior and physical need. Facilities for digging or burrowing animals shall have secure safe floors below materials supplied for such digging or burrowing activity. Animals which naturally climb shall be provided with safe and adequate climbing apparatus. Animals which naturally live in an aquatic environment

shall be supplied with sufficient access to safe water so as to meet their aquatic behavioral needs.

11. Licensees shall ensure that a sufficient number of properly trained personnel are utilized to meet all the humane husbandry practices set forth in this rule. The licensee shall be responsible for the actions of all animal care personnel and all other persons coming in contact with the animals.
 12. The facility and holding environment shall be structured to reasonably promote the psychological well-being of any primate held pursuant to a special license.
 13. Licensees, except holders of wildlife hobby licenses issued pursuant to R12-4-419 possessing fewer than 25 birds, and except for licensees in possession of animals for less than one year, shall designate a veterinary doctor licensed to practice in the State of Arizona as the primary treating veterinarian for each individual species of animal to be held pursuant to any special license issued. The licensee shall ensure that all animals in their care receive proper, adequate and humane veterinary care as the needs of each animal dictate. Each animal held for one year or more and each facility used shall be inspected by the attending veterinarian at least once every year. Every animal shall receive veterinary care whenever it appears that such animal is ill, wounded, diseased, infected by parasites or behaving in a substantially abnormal manner, including but not limited to exhibiting loss of appetite or disinclination to normal physical activity. All medications, treatments and other directions prescribed by the attending veterinarian shall be properly administered by the licensee. No prescription medicine or medical treatment shall be administered by any licensee unless under the direction of a veterinarian.
 14. Any animal which is suspected or diagnosed to harbor any infectious or transmissible disease, whether or not the animal is held by special license, shall be isolated immediately upon such suspicion or diagnosis from any animal to whom such disease could be transmitted. Such isolated animal shall continue to be kept in a humane manner and facility as required to this rule. Subsequent to the presence of an animal with an infectious or transmissible disease in any animal facility, whether or not the animal is held by special license, such facility shall be reasonably sanitized so as to reasonably eliminate the chance of other animals being exposed to infection. Such sanitation procedures may include, but not necessarily be limited to, the washing of facilities or animal-related materials with hot water and appropriate antibacterial chemical agents as well as appropriate soaps or detergents; the appropriate application of steam under pressure; and the replacement of gravel, sand, water, food and/or dirt. All residue of chemical agents utilized in such sanitation process shall be reasonably eliminated from the facility before any animal is returned thereto. Parasites and avian and mammalian pests shall be controlled and eliminated so as to ensure the continued health and well-being of all animals.
- C. All indoor facilities shall meet the following standards in addition to those set forth in subsection (B).

1. Heating and cooling facilities shall be supplied sufficient to regulate the temperature to protect the animals from extremes of temperature as the nature of the wildlife requires and to provide a healthful and humane living environment and prevent discomfort to the animal. The ambient temperature shall not be allowed to fall below nor rise above temperatures compatible with the health, comfort and humane care of any animal.
 2. Indoor facilities shall be adequately ventilated by natural or mechanical means to provide for the healthful and humane keeping of any animal and prevent the discomfort of any animal. Such facility shall be provided with fresh air, either by means of windows, doors vents, fan or air conditioning sufficient to meet the humane needs of any animal and shall be constructed to minimize drafts, odors and moisture condensation.
 3. Indoor facilities shall have lighting appropriate to the nature of the animals being kept therein by either natural or artificial means or both. Lighting shall be of good quality, distribution and duration as appropriate for the needs and nature of the animals held. Lighting shall be utilized in regular cycles as the animal's needs may dictate. Lighting shall be available which is of uniform distribution and sufficient intensity to permit routine inspection and cleaning of the facility. Lighting shall be designed to protect the animals from excessive or otherwise harmful aspects of illumination.
- D. All outdoor facilities shall meet the following standards in addition to those set forth in subsection (B).
1. If sunlight is likely to cause overheating or discomfort of any animal, sufficient shade by natural or artificial means shall be provided to allow all animals kept outdoors to humanely protect themselves from any harmful affects of direct sunlight.
 2. Sufficient natural or artificial shelter appropriate to humanely protect animals from normally expected local climatic conditions through the year shall be provided for all animals to prevent any discomfort or harm to the animals. No animal shall be exposed to any climatic condition which is potentially harmful to such animal. Individual animals shall be acclimated to outdoor climatic conditions before they are housed in any outdoor facility or otherwise exposed to the extremes of climate.
- E. When animals must be handled, they shall be handled in an expeditious and careful manner to ensure no unnecessary discomfort, behavioral stress or physical harm to such handled animal. Animals transported shall be transported in an expeditious, careful, and humane fashion. During periods of transport, animals shall be made as humanely secure as reasonably possible. No animal shall be transported in any manner that poses a substantial threat to the life, health, or behavioral well-being of the animal. All transportation facilities and services utilized in regard to animals shall provide for the basic humane needs of each animal during periods where the animal is held in a transportation facility, including but not necessarily limited to providing the animal with adequate food, adequate water, adequate sanitary conditions, adequate ventilation, and any medication as prescribed by the attending veterinarian. If any animal is placed on public exhibit or display, such animal shall be handled in a manner minimizing the risk of harm to members of the public and to the animal itself; minimization of risk shall include but not necessarily be limited to sufficient distance existing between the animal and the viewing public to assure the safety of both the public

and the animals. Any restraint used on any animal shall be humane in nature and not likely in either its design or use to cause physical harm or discomfort to the restrained animal except when discomfort is necessary to control the animal due to its size or strength.

- F. The Department may impose additional requirements in regard to facilities to be utilized for the keeping of any animal as the nature and the needs of the particular animal and public safety dictate. Such additional special license facility requirements shall be set forth in writing by the Department at the time of the issuance of the special license. Any such notice of additional requirements for housing facilities shall specify the reason necessitating such additional measures.

Historical Note

Adopted effective April 28, 1989 (Supp. 89-2).